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MAY 26 2004

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of 3

Complete If Known

Application Number	09/810,434
Filing Date	March 15, 2001
First Named Inventor	Glenn McGall
Group Art Unit	1645
Examiner Name	Unassigned

Attorney Docket Number 18547-042010US

U.S. PATENT DOCUMENTS

Examiner Initials * <i>JL</i>	Cite No. <i>1</i>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document <i>Pirnung et al.</i>	Date of Publication of Cited Document MM-DD-YYYY <i>8/1/92</i>	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number <i>5,143,854</i>	Kind Code ² (if known)			
	2	5,242,979		Barnum et al.	9/7/93	
	3	5,252,743		Barrett et al.	10/12/93	
	4	5,288,514		Elman	2/22/94	
	5	5,324,633		Fodor et al.	6/28/94	
	6	5,324,663		Lowe	6/28/94	
	7	5,384,261		Winkler et al.	1/24/95	
	8	5,405,783		Pirnung et al.	4/11/95	
	9	5,412,087		McGall et al.	5/2/95	
	10	5,424,186		Fodor et al.	6/13/95	
	11	5,445,934		Fodor et al.	8/29/95	
	12	5,451,683		Barrett et al.	9/19/95	
	13	5,482,867		Barrett et al.	1/8/96	
	14	5,489,678		Fodor et al.	2/6/96	
	15	5,491,074		Aldwin et al.	2/13/96	
	16	5,610,270		Fodor et al.	4/23/96	
	17	5,527,681		Holmes	8/18/96	
	18	5,545,531		Rava et al.	8/13/96	
	19	5,547,839		Dower et al.	8/20/96	
	20	5,550,215		Holmes	8/27/96	
	21	5,556,752		Lockhart et al.	9/17/96	
	22	5,571,639		Hubbell et al.	11/5/96	
	23	5,578,832		Trulson et al.	11/26/96	
	24	5,593,839		Hubbell et al.	1/14/97	
	25	5,599,695		Pease et al.	2/4/97	
	26	5,624,711		Sundberg et al.	4/28/97	
	27	5,631,734		Stern et al.	5/20/97	
	28	5,658,734		Brock, et al.	8/19/97	
	29	5,677,195		Winkler et al.	10/14/97	
	30	5,710,000		Sapolsky et al.	1/20/98	
	31	5,744,101		Fodor et al.	4/28/98	
	32	5,744,305		Fodor et al.	4/28/98	
	33	5,753,788		Fodor et al.	5/19/98	
	34	5,770,456		Holmes	6/23/98	
	35	5,800,992		Fodor et al.	9/1/98	
	36	5,831,070		Pease et al.	11/3/98	
	37	5,843,655		McGall	12/1/98	
	38	5,856,011		Sogabe	1/5/99	
	39	5,919,523		Sundberg et al.	7/6/99	
	40	6,022,963		McGall et al.	2/8/00	
	41	6,045,996		Cronin et al.	4/4/00	

Examiner Signature

Janet L. Eysen-Jarol

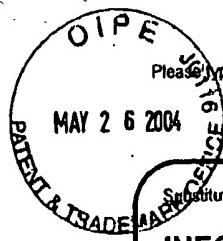
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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MAY 26 2004

PTO/SB/08B (08-00)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

Complete If Known

Application Number	09/810,434
Filing Date	March 15, 2001
First Named Inventor	Glenn McGall
Group Art Unit	1645 1635
Examiner Name	Unassigned

Attorney Docket Number 18547-042010US

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office	Number ⁴	Kind Code ⁵ (if known)				
	42	PCT	WO 92/10183		Hill	6/25/92		<input type="checkbox"/>
	43	PCT	WO 99/00730		Tremblay et al	1/7/99		<input type="checkbox"/>
	44	PCT	WO 93/04145		Inoue et al.	3/4/93		<input type="checkbox"/>
	45	PCT	WO 97/10365		Lockhart et al.	3/20/97		<input type="checkbox"/>
	46	PCT	WO 92/10092		Fodor et al.	6/25/92		<input type="checkbox"/>
	47	PCT	WO 94/10128		Holmes et al.	5/11/94		<input type="checkbox"/>
	48	PCT	WO 00/61282		Glazer et al.	10/19/00		<input type="checkbox"/>
	49	PCT	WO 00/21967		McGall et al.	04/20/00		<input type="checkbox"/>
	50	PCT	WO 00/06771		McGall et al.	02/10/00		<input type="checkbox"/>
	51	PCT	WO 99/54509		McGall et al.	10/28/99		<input type="checkbox"/>
	52	PCT	WO 99/40105		Goldberg et al.	02/12/99		<input type="checkbox"/>
	53	PCT	WO 98/39348		McGall et al.	09/11/98		<input type="checkbox"/>
	54	PCT	WO 98/20967		Beecher et al.	05/22/98		<input type="checkbox"/>
	55	PCT	WO 97/39151		Goldberg et al.	10/23/97		<input type="checkbox"/>
	56	PCT	WO 97/43450		Cronin et al.	11/20/97		<input type="checkbox"/>
	57	PCT	WO 97/27317		Lockhart et al.	07/31/97		<input type="checkbox"/>
	58	PCT	EP 742287		McGall et al.	11/13/96		<input type="checkbox"/>
	59	PCT	EP 7288520		Pease et al.	08/28/96		<input type="checkbox"/>
	60	EPO	EP 549107		Western et al.	12/29/97		<input type="checkbox"/>
	61	EPO	967217 A2		McGall et al.	12/29/99		<input type="checkbox"/>

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

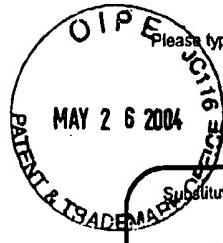
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	62	MCGALL et al., "The Efficiency of Light-Directed Synthesis of DNA Arrays on Glass Substrates" <i>Journal of the American Chemical Society</i> , 1997, Pages 5081-5090, Vol. 119, No. 22	<input type="checkbox"/>
	63	LOCKHART et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays" <i>Nature Biotechnology</i> , 1996, Pages 1675-1680, Vol. 14	<input type="checkbox"/>
	64	SAIZIEU et al., "Bacterial transcript imaging by hybridization of total RNA to oligonucleotide arrays" <i>Nature Biotechnology</i> , 1998, Pages 45-48, Vol. 16	<input type="checkbox"/>
	65	CHEE et al., "Accessing Genetic Information with High-Density DNA Arrays" <i>Science</i> , 1996, Pages 610-614, Vol. 274	<input type="checkbox"/>

Examiner Signature

Date Considered

6-28-04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO			Complete If Known	
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			Filing Date	March 15, 2001
			First Named Inventor	Glenn McGall
			Group Art Unit	1645
			Examiner Name	Unassigned
Sheet	3	of	3	Attorney Docket Number
				18547-042010US

<i>[Signature]</i>	66	McGALL et al., "High-density oligonucleotide probe arrays" Proc. SPIE-Int. Soc. Opt. Eng., 2000, Pages 106-110, Vol. 3926 (Advances in Nucleic Acid and Protein Analyses, Manipulation, and Sequencing)	
	67	WALLRAFF et al., "Lithographic techniques for the fabrication of oligonucleotide arrays" J. Photopolym. Sci. Technol., 2000, Pages 551-558, Vol 13	
	68	GLAZER et al., "High Surface Area Substrates for DNA Arrays" Mat. Res. Soc. Symp. Proc., 1999, Pages 371-6, Vol. 576	
	69	FIDANZA et al., "High-Density Nucleoside Analog Probe Arrays for Enhanced Hybridization" Nucleosides and Nucleotides, 1999, Pages 1293-1295, Vol. 18	
	70	HACIA et al., "Enhanced High Density Oligonucleotide Array Based Sequence Analysis using Modified Nucleotide Triphosphates" Nucleic Acids Res., 1998, Pages 4975-4982, Vol. 26	
<i>[Signature]</i>	71	PIRRUNG et al., "Proofing of Photolithographic DNA synthesis with 3', 5' - dimethoxybenzoinyloxycarbonyl-protected deoxy-nucleoside phosphoramidites" J.Org. Chem, 1998, Pages 241-246, Vol. 63	

Examiner Signature	<i>[Signature]</i>	Date Considered	6-28-04
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449 REPRODUCED O I P E INFORMATION DISCLOSURE CITATION IN AN APPLICATION MAY 26 2004 PATENT & TRADEMARK OFFICE C-16 C-16 MARCH 13, 2003		ATTORNEY DOCKET NO. 2719.2017-001	APPLICATION NO. 09/810,434			
APPLICANT Glenn McGall and Lisa Kajisa						
FILING DATE March 15, 2001		CONFIRMATION NO. 6484	GROUP 1635			
U. S. PATENT DOCUMENTS						
EXAM- INER INI- TIAL	DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME			
AA						
AB						
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FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AL						
AM						
AN						
AO						
AP						
AQ						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
	AR	"Oxidizing Agent Study" (unpublished data), McGall & Kajisa (date?)				
	AS					
	AT					
EXAMINER		DATE CONSIDERED		6-28-04		
